

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for managing execution of a software code by a selected application program, comprising:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code executed by the selected application program, ~~wherein configuring the database further comprises obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code and entering the information into the database;~~

detecting the execution of all or a portion of the software code, wherein the detecting is not performed by the software code;

identifying the selected application program that is executing the software code; ~~and~~ confirming a conflict between the selected application program and the software code in response to the application program executing the software code, wherein the conflict between the selected application program and the software code is confirmed after the execution of the software code has been detected, and wherein confirming the conflict includes determining that the executed software code is not correct for the selected application program; and after confirming the conflict, recording that the selected application and the executed software code conflict in the database.

2. (Cancelled)

3. (Previously Presented) The method of claim 1, wherein configuring the database further includes:

obtaining information relating to at least one of the plurality of application programs and
corresponding at least one designated software code in a non-automated fashion.

4. (Cancelled).

5. (Currently Amended) The method of claim 1, wherein configuring the database further includes:

entering information relating to ~~the~~ at least one of the plurality of application programs
and the corresponding at least one designated software code by using a snapshot
of installation activity required for the at least one of the plurality of application
programs.

6. (Previously Presented) The method of claim 1, wherein at least one of the plurality of applications programs is associated with a system resident installation package, and wherein configuring the database further includes:

entering information relating to the at least one of the plurality of application programs
and the corresponding at least one designated software code by automated
examination of the system resident installation package.

7. (Previously Presented) The method of claim 1, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code is not the same as the corresponding at least one
designated software code.

8. (Previously Presented) The method of claim 7, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code executed by the selected application program, and wherein determining that the improper software code is not the same as the corresponding at least one designated software code further includes:

determining the version number of the corresponding at least one designated software code and the version number of the software code executed by the selected application program; and

comparing the version number of the corresponding at least one designated software code to the version number of the software code executed by the selected application program.

9. (Previously Presented) The method of claim 1, wherein the software code is a software library, and wherein detecting execution of the software code further includes:

enabling detection of a library loading operation.

10. (Original) The method of claim 9, wherein enabling detection of a library loading operation further includes:

setting a software hook activated by the library loading operation.

11. (Cancelled).

12. (Original) The method of claim 1, wherein identifying the selected application program further includes:

determining a file name of the selected application program.

13. (Original) The method of claim 1, wherein the selected application program has an application version number, and wherein identifying the selected application program further includes:

determining the application version number.

14. (Original) The method of claim 1, further including:
reporting the conflict; and
alerting a selected party regarding the conflict.

15. (Original) The method of claim 14, wherein the selected party is an end user of the selected application program.

16. (Original) The method of claim 1, further including:
reporting the conflict; and
activating an alarm.

17. (Currently Amended) A computer workstation, comprising:
- a processor module; and
 - a machine-accessible medium communicatively coupled to the processor module, the machine-accessible medium having instructions associated therewith for managing execution of a software code by a selected application program, which when executed are capable of causing the processor module to perform:
 - configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code executed by the selected application program, ~~wherein configuring the database further comprises obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code and entering the information into the database;~~
 - detecting the execution of all or a portion of the software code, wherein the detecting is not performed by the software code;
 - identifying the selected application program that is executing the software code;
 - and
 - confirming a conflict between the software code and the selected application program in response to the application program executing the software code, wherein the conflict between the selected application program and the software code is confirmed after the execution of the software code has been detected, and wherein confirming the conflict includes determining that the executed software code is not correct for the selected application program; and

after confirming the conflict, recording that the selected application and the
executed software code conflict in the database.

18. (Cancelled)

19. (Cancelled)

20. (Previously Presented) The computer workstation of claim 17, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code executed by the selected application program is not the same as the corresponding at least one designated software code.

21. (Previously Presented) The computer workstation of claim 20, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code executed by the selected application program, and wherein determining that the software code executed by the selected application program is not the same as the corresponding at least one designated software code further includes:

determining the version number of the corresponding at least one designated software code and the version number of the software code executed by the selected application program; and

comparing the version number of the corresponding at least one designated software code to the version number of the software code executed by the selected application program.

22. (Previously Presented) The computer workstation of claim 17, wherein the software code is a software library, and wherein detecting execution of the software code further includes:

enabling detection of a library loading operation.

Appl. No. 09/915,862
Amdt. dated February 13, 2007
Reply to Office Action of November 13, 2006

23. (Original) The computer workstation of claim 22, wherein enabling detection of a library loading operation further includes:
 setting a software hook activated by the library loading operation.
24. (Cancelled).

25. (Currently Amended) A computer system network, comprising:

a server comprising:

a processor module;

a machine-accessible medium communicatively coupled to the processor module,

the machine-accessible medium having instructions associated therewith
for managing execution of a software code by a selected application
program, which when executed are capable of causing the processor
module to perform:

configuring a database having a plurality of application programs, wherein each
one of the plurality of application programs corresponds to at least one
designated software code, wherein the plurality of application programs
includes the selected application program, and wherein the corresponding
at least one designated software code is not the software code executed by
the selected application program, ~~wherein configuring the database further
comprises obtaining information relating to the at least one of the plurality
of application programs and the corresponding at least one designated
software code by automated examination of the executable code and
entering the information into the database;~~

detecting the execution of the software code, wherein the detecting is not
performed by the software code;

identifying the selected application program that is executing the software code;

and

confirming a conflict between the software code and the selected application
program in response to the application program executing the software
code, wherein the conflict between the selected application program and
the software code is confirmed after the execution of the software code has
been detected, and wherein confirming the conflict includes determining

that the executed software code is not correct for the selected application
program; and
after confirming the conflict, recording that the selected application and the
executed software code conflict in the database; and
a client communicatively coupled to the server, wherein execution of the selected
application program is initiated by the client.

26. (Cancelled).

27. (Cancelled).

28. (Previously Presented) The computer system network of claim 25, wherein the database is stored on the server.

29. (Original) The computer system network of claim 25, wherein confirming a conflict between the software code and the selected application program further includes:
determining that the software code is not the same as the corresponding at least one designated software code.

30. (Cancelled).

31. (Currently Amended) A machine-accessible medium having instructions associated therewith for managing execution of a software code by a selected application program, which when executed are capable of causing a processor module to perform:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code executed by the selected application program, ~~wherein configuring the database further comprises obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code and entering the information into the database;~~

detecting the execution of the software code, wherein the detecting is not performed by the software code;

identifying the selected application program that is executing the software code; ~~and~~ confirming a conflict between the improper software code and the selected application program in response to the application program executing the software code, wherein the conflict between the selected application program and the software code is confirmed after the execution of the software code has been detected, and wherein confirming the conflict includes determining that the executed software code is not correct for the selected application program; and after confirming the conflict, recording that the selected application and the executed software code conflict in the database.

32. (Cancelled).

33. (Cancelled).

34. (Previously Presented) The machine-accessible medium of claim 31, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code executed by the selected application program is not the same as the corresponding at least one designated software code.

35. (Previously Presented) The machine-accessible medium of claim 34, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code executed by the selected application program, and wherein determining that the software code executed by the selected application program is not the same as the corresponding at least one designated software code further includes:

determining the version number of the proper software code and the version number of the improper software code; and

comparing the version number of the corresponding at least one designated software code to the version number of the software code executed by the selected application program.

36. (Previously Presented) The machine-accessible medium of claim 31, wherein the software code is a software library, and wherein detecting execution of the software code further includes:

enabling detection of a library loading operation.

37. (Cancelled).

38. (New) The method of claim 1, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs
and the corresponding at least one designated software code by automated
examination of the executable code; and
entering the information into the database.

39. (New) The computer workstation of claim 17, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs
and the corresponding at least one designated software code by automated
examination of the executable code; and
entering the information into the database.

40. (New) The computer system network of claim 25, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs
and the corresponding at least one designated software code by automated
examination of the executable code; and
entering the information into the database.

41. (New) The machine-accessible medium of claim 31, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

- obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code; and
- entering the information into the database.